INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/21886

A. CLA	SSIFICATION OF SUBJECT MATTER		
	:A61K 31/13, 31/195 :514/563, 641		
	to International Patent Classification (IPC) or to both	national classification and IPC	
B. FIEL	DS SEARCHED		
Minimum d	ocumentation searched (classification system followed	by classification symbols)	•
U.S. :	514/563, 641		
Documentat	tion searched other than minimum documentation to the	extent that such documents are included	in the fields searched
Electronic o	data base consulted during the international search (na	me of data base and, where practicable	e, search terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
X 	US 4,563,478 A (CURTI et al) 07 Janu entire document, especially column 1,		1-3, 5, 6, 9-13, 15-18
A			4, 7, 8, 14, 19-26
X A	Database CA on STN, Chemical Abstract USA), No. 93:26054, KAPLAN et al. bases of .gammaaminobutyric aminobutyramide", abstract, J. Med. Cl. 4.	"New anticonvulsants: schiff acid and .gamma	1-18 19-26
Furt	her documents are listed in the continuation of Box C	See patent family annex.	
'A' do	pocial estegories of cited documents: ocument defining the general state of the art which is not considered	*T* later document published after the in date and not in conflict with the app the principle or theory underlying the	dication but cited to understand
1	be of particular relevance arlier document published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered.	he claimed invention cannot be ered to involve an inventive step
"L" de	ocument which may throw doubts on priority claim(s) or which is ited to establish the publication date of another citation or other occial reason (as specified)	when the document is taken alone "Y" document of particular relevance; to considered to involve an inventive	he claimed invention cannot be
.O. q	ocument referring to an oral disclosure, use, exhibition or other teams	considered to involve an inventor combined with one or more other su being obvious to a person skilled in	ch documents, such combination
th	ocument published prior to the international filing date but later than ne priority dato claimed	"&" document member of the same pate	
Date of the	e actual completion of the international search	Date of mailing of the international s	earch report
19 OCT	OBER 2000	20 NOV 2000	

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: ELLEN S. COGEN GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C.	PCT
280 N. OLD WOODWARD AVE., SUITE 400 BIRMINGHAM, MICHIGAN 48009	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION
	(PCT Rule 44.1)
	Date of Mailing (day/month/year) 20 NOV 2000
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraphs 1 and 4 below
UAB-15452/22	FOR FORTILE ACTION SEE PING. SPIN 2
International application No. PCT/US00/21886	International filing date (day/month/year) 10 AUGUST 2000
Applicant UAB RESEARCH FOUNDATION	Response out 12-20-00 du 1-20-01
Filing of amendments and statement under Artic The applicant is entitled, if he so wishes, to amend	the claims of the international application (see Rule 46):
When? The time limit for filing such amendm international search report; however, fo	nents is normally 2 months from the date of transmittal of the r more details, see the notes on the accompanying sheet.
Where? Directly to the International Bureau of V 34, chemin des Colomb 1211 Geneva 20, Switze Facsimile No.: (41-22)	ettes crland
For more detailed instructions, see the notes o	·
2. The applicant is hereby notified that no internation Article 17(2)(a) to that effect is transmitted herewit	al search report will be established and that the declaration under h.
3. With regard to the protest against payment of (an	n) additional fee(s) under Rule 40.2, the applicant is notified that:
the protest together with the decision thereon applicant's request to forward the texts of bo	has been transmitted to the International Bureau together with the oth the protest and the decision thereon to the designated Offices.
no decision has been made yet on the protes	it; the applicant will be notified as soon as a decision is made.
4. Further action(s): The applicant is reminded of the form	ollowing:
If the applicant wishes to avoid or postpone publication priority claim, must reach the International Bureau a completion of the technical preparations for international preparations.	
Within 19 months from the priority date, a demand for wishes to postpone the entry into the national phase to	international preliminary examination must be filed if the applicant until 30 months from the priority date (in some Offices even later).
Within 20 months from the priority date, the applicant	must perform the prescribed acts for entry into the national phase acted in the demand or in a later election within 19 months from the
Name and mailing address of the ISA/IIS	Authorized officer Arthur Bouteline
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	FREDERICK KRASS
Facsimile No. (703) 305-3230	Telephone No. (703) 308-1235

(See notes on accompanying sheet) CIFFCED, KBASS, GHOA, STEET

PATENT COOPERATION TREA

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: ELLEN S. COGEN GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C. 280 N. OLD WOODWARD AVE., SUITE 400 BIRMINGHAM, MICHIGAN 48009

MAY 16 2001 <u>K</u>RASS, GROH, SPRINKLE ON & CITKOWSKI, P.C.

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY **EXAMINATION REPORT**

(PCT Rule 71.1)

Date of Mailing (day/month/year)

Applicant's or agent's file reference IMPORTANT NOTIFICATION UAB-15452/22 International filing date (day/month/year) International application No. Priority Date (day/month/year) PCT/US00/21886 10 AUGUST 2000 10 AUGUST 1999 Applicant UAB RESEARCH FOUNDATION

- The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international
- 2 A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume 11 of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US

Commissioner of Patents and Trademarks

Box POT

Washington, D.C. 20231

Facsimile No. (703) 305-3230 Authorized officer

Terephone No.

(703) 308-1235

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicantle on specie Claus Comme			
Applicant's or agent's file reference UAB-15452/22	FOR FURTHER ACTION	See Notification of Transmittal of Preliminary Examination Repo	International ort (Form
International application No.	International filing date (day/		21)
PCT/US00/21886	10 AUGUST 2000	10 AUGUST 1999	
International Patent Classification (IPC) IPC(7): A61K 31/13, 31/195 and US	or national classification and II Cl.: 514/568, 641	PC .	
Applicant UAB RESEARCH FOUNDATION			
Examining Authority and is 2. This REPORT consists of a This report is also accomplished and are the	total of sheets. panied by ANNEXES, i.e., sheet basis for this report and/or shoon 607 of the Administrative In	ots of the description, claims and/or drawing eets containing rectifications made before the	s which have
3. This report contains indication		AMC,	*************************************
I X Basis of the report II Priority III Non-establishment IV Lack of unity of V X Reasoned statement citations and explain VI Certain documents of VII Certain defects in the	rt nt of report with regard to no invention t under Article 35(2) with rega nations supporting such statem	velty, inventive step or industrial applicant of the novelty, inventive step or industrial and the novelty, inventive step or industrial and the novel ty, inventive step or industrial applicant type in the novel ty, inventive step or industrial and the novel ty inventive step or i	
		.:	
Date of submission of the demand	Date	of completion of this report	-
02 MARCH 2001	01	MA 1. 5001	
Name and mailing address of the IPEA/ Commissioner of Patents and Tradems Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	arks	TEDERICK KRASS hone No. (703) 308-1935	

Form PCT/IPEA/409 (cover sheet) (July 1998)*

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International	application	No
III WII I I I I I I I I I I I I I I I I	"pp House off	110

PCT/US00/21886

ь в	asis of the rep Pt		
1. With	regard to the elements	of the international application:*	
x		plication as originally filed	
	the description:	•	
X	pages1-2)	, as originally filed
	pages NO		, to originary med
	pages NO		
		,	
x	the claims:	_	•
	pages21-2	······································	, as originally filed
	pages NO	, as amonaea (togeth	er with any statement) under Article 19
	pages NO		, filed with the demand
	pages NO	NE , filed with the letter of	
	the drawings:		·
X	pages1	,	
	pages	NE	
	r-0	NE , filed with the letter o	, filed with the demand
	Pugos	, med with the letter o	
x	the sequence listing	part of the description:	
تت	pages NO	<u> </u>	, as originally filed
	pages NON	TE .	filed with the demand
	pages NO	E , filed with the letter o	<u></u>
	the language of a trathe language of pub	ble or furnished to this Authority in the following lang inslation furnished for the purposes of internation lication of the international application (under R inslation furnished for the purposes of international pro-	onal search (under Rule 23.1(b)). Rule 48.3(b)).
pre	iminary examination	otide and/or amino acid sequence disclosed in the was carried out on the basis of the sequence listing	
ш	contained in the inte	rnational application in printed form.	
	filed together with t	ne international application in computer readabl	e form.
	furnished subsequen	tly to this Authority in written form.	
一	furnished subsequen	tly to this Authority in computer readable form.	·
一	The statement that th	e subsequently furnished written sequence listing on as filed has been furnished.	
		information recorded in computer readable form is in	dentical to the writen sequence listing has
4. X	The amendments ha	ve resulted in the cancellation of:	
	X the description	, pages NONE	
	X the claims, N) in the same of t	
, [X the drawings,		
5		rawn as if (some of) the amendments had not been m	
in th and	cement sheets which he is report as "originall 70.17).	as filed, as indicated in the Supplemental Box (Rule we been furnished to the receiving Office in response to filed and are not annexed to this report since the	an invitation under Article 14 are referred to ry do not contain amendments (Rules 70.16
**Any	replacement sheet cor	taining such amendments must be referred to under	item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/21886

statement			•
Novelty (N)	Claims	1-26	Y
	Claims	NONE	NO
Inventive Step (IS)	Claims	1-26	YI
	Claims	NONE	NO.
Industrial Applicability (IA)	Claims	1-26	Y)
manum ippiminiy (iii)	Claims	NONE	NO
not clear whether such compounds yi Claims 1-26 meet the criteria narmaceutical/medical industries is sel	set out in PCT Arti	cle 33(4); the applicability of the claim	•
NFW CITATIONS -		•	
ONE			

			·
ONE			